



# X7 Comfort Manual v1:1.



Congratulations and thank you for choosing the Aktiv Wheelchair - the ultimate in design and engineering for maximum comfort and durability. It is important to read the instructions in this manual carefully before use. Keep your manual in a safe place and use it for future reference. This manual covers basic instructions such as assembly of parts, safe operation, maintenance, warranty and serviceability.

Please ensure you keep your new Aktiv Wheelchair in good repair, do not use if it appears to be damaged in any way.

## **Product features**

Frame Material: Steel / Aluminum

Finish: Painting

Cross Brace: Fixed

Seat/Backrest Cushion: Flameproof and waterproof leather

Armrest Mode: Height adjustable, position adjustable, detachable

Armrest Equipment: PU armrest pad

Footrest Mode: Detachable elevating legrest

Front Castor Mode: 8" x2" PU tire

Front Castor Equipment: Plastic rim, aluminum front fork

Rear Wheel Mode: 24" PU tire

Rear Wheel Equipment: Aluminum rim with steel spokes, aluminum handrim, quick-release device

Other Accessories: Reclinable backrest, adjustable seat, seat depth adjustable, 3-pieces headrest, shoulder stopper, hip stopper, rear wheels with drum brake, luxurious anti-tippers



## Product Components



1. Footplate	9. Armrest pad
2. Footrest	10. Skirt guard (clothes guard)
3. Legrest	11. Backrest
4. Front castor	12. Lateral Supports
5. Rear wheel	13. Headrest
6. Wheelchair frame	14. Handle bar
7. Seat	15. Brake
8. Armrest	16. Anti-tipper

## **Operating instructions**

The X7 Comfort Wheelchair is a modern, practical, stable, durable, with good heavy resistance, multifunctional and comfortable wheelchair. It is suitable for people with disabilities and for elderly people with nursing and transport purposes.

The Comfort Wheelchairs are basically assembled before selling. It is only needed to proceed with simple installation and adjustment of some movable accessories.

1. Check the content of the box to see whether the accessories, user manuals, etc, are complete. If not, please contact your seller or the manufacturer.
2. Open the box and take out the wheelchair from the box. Place the wheelchair on the ground. Push down the wheelchair seat until the wheelchair is completely opened and extended ready for use. Put down the both side boards from right and left side to their normal use position.
3. **Installation of adjusting cylinder:** There are two adjusting cylinders, one is for adjusting the reclining angle of the backrest and the other is for adjusting the reclining angle of the seat. The angles can be adjusted according to every user for his/her comfort.  
3.1 **Installation of backrest adjusting cylinder:** The backrest adjusting cylinder is located at the back of the wheelchair. Align the positioning hole of the adjusting cylinder to the fixing film hole and place the bolt through the hole. *Note: after placing the bolt through the hole, assure that the two hoodles from the front of the bolt are popped out to prevent the bolt from falling.*  
3.2 **Installation of seat adjusting cylinder:** The seat adjusting cylinder is located at the back of the wheelchair. Align the positioning hole of the adjusting cylinder to the fixing film hole and place the bolt through the hole. *Note: after placing the bolt through the hole, assure that the two hoodles from the front of the bolt are popped out to prevent the bolt from falling.*
4. **Installation and adjustment of footrest:** Align and mount the arc plate hole of the leg support into the pin. Rotate gently the leg support from outside to inside until the spring is fixed. If it is necessary to remove the leg support, push the spring lock from the inner side of the leg support, twist it outwards until certain angle and elevate it to pull out from the frame pin.
5. **Installation and adjustment of side boards and armrests:** Loosen the armrest fixing triangle bolts, plug the square tube of the armrest into the square hole of the wheelchair frame, then tighten clockwise the armrest fixing triangle bolts. Plug the armrest tubes into the armrest fixing square tubes, adjust to the suitable height and tighten clockwise the triangle bolts. Adjust the side boards to the suitable height and tighten clockwise the triangle bolts to secure the side boards.
6. **Installation and adjustment of headrest:** Take out the headrest set from the box. Plug the square tube of the headrest into the wheelchair frame's square tube located at the back of the backrest. Adjust to the suitable height and tighten clockwise the triangle screw bolts to fix the headrest set. Loosen the wrench bolts from the headrest folding blocks. Adjust forward or backwards the headrest to the suitable position. Tighten clockwise the wrench bolts to fix the headrest. The user may adjust the movable blocks of the headrest according to his/her preferences. Adjust the movable blocks to the suitable position and tighten the wrench bolts to fix the headrest.
7. **Installation and adjustment of lateral supports:** The shoulder stoppers can maintain and protect the body posture. The height of the shoulder stoppers and the distance between them can be adjusted according to the body of the user. Adjust to the suitable position and tighten clockwise the triangle wrench bolts.

## Precautions

### 1. Using the brakes

This wheelchair has two brake systems. The applied system for the user is the pushing brake system. When the wheelchair needs to be stopped and needs brakes to assure its immobility, the user must hold the brake handgrips from right and left side with both hands and push forward the brake handgrips until they are automatically locked to stop the rear wheels.

To unlock the brakes, move backwards the brake handgrips.

The other brake system is for the attendant and it is located at the back of the wheelchair beneath the push bars. The attendant may use the brake handgrips to stop the wheelchair from moving. If brake is needed, use both hands to hold tight the brake handgrips from right and left side to stop the wheelchair. This brake has the function of maintaining the immobility of the wheelchair.

### 2. Self Propel Wheels (Handrims)

The user must first sit steadily on the wheelchair, grab the handrims with his/her hands and push the handrims forward with the same force on both hands to make the wheelchair move forward, then loose both hands off the handrims. When the wheelchair has slowed down its speed after certain distance of movement, please repeat the above procedure.

### 3. Way to go upstairs

When the wheelchair is going upstairs, the user must have an attendant who will be assisting at the back of the wheelchair. The attendant must step hard on the pedal located besides the rear wheels, so the wheelchair may incline backwards till the front wheels achieve the height of next step of the stairs. Push the wheelchair forward a little and loose the feet from the pedal so the front wheels may touch the step. The attendant must push hard the wheelchair so the rear wheels may move forward to the next step. Repeat the procedure until the wheelchair achieves its destination.

### 4. Way to go downstairs

When the wheelchair is going downstairs, the user will need two attendants for assistance, one at the front and the other at the back of the wheelchair. To be able to go downstairs, the attendant at the back must hold the handgrips tight to assure the wheelchair will not fall off the stairs. The attendant at the front must step down first and elevate the front frame of the wheelchair, then slowly and carefully pull the wheelchair down from the stairs. Repeat the above procedure until the wheelchair achieves its destination. Finally, the front attendant must put down the front frame of the wheelchair so the front wheels can touch the ground.

### 5. Wheelchair seat and backrest angle adjusting precautions

This wheelchair provides the option of adjusting the angle of the seat and backrest according to every user's needs. The option of adjusting the angle of the seat and backrest bring more comfort to the user on the wheelchair. The adjustment of seat and backrest angle will need the assistance of an attendant. The attendant must hold the pushing handgrip and push the cylinder with the thumb (as shown in the picture, left side: backrest cylinder handgrip; right side: seat adjusting cylinder handgrip. Both can be used independently or simultaneously). Elevate or push gently the handgrips with both hands and adjust to the suitable position, then release the hands to adjust the angle of the seat and backrest.

## **Safety recommendations**

1. The maximum capacity for this wheelchair is for 150kg. Users over 150kg, please use carefully.
2. For self propel wheelchairs, the user should maintain an uniform speed. The recommended speed for self propel use is at 3-5Km/h.
3. The wheelchair is recommended to be used on flat ground. If any obstacle appears, please detour to avoid any danger of topple and fall.
4. While using the wheelchair, the user should not stand on the footrest as this act will cause danger of topple and fall.
5. The user must assure to have good body condition before using the wheelchair on sloping ground. The angle of the sloping ground should be no more than 10 degrees for safety considerations. If the angle of the sloping ground is over than 10 degrees, there must be an attendant to assist the user to push the wheelchair at the back.
6. Do not tilt or swerve while the wheelchair is being used on sloping ground. Using brakes abruptly when going downhill is not recommended as this will cause danger of topple and fall to the front.

## **Maintenance**

To keep the wheelchair in its best condition, please proceed with the following maintenance:

1. Before using the wheelchair and during the first month of use, check all the screws if they are tightened. If any loosen situation appears, please tighten immediately to assure the safety of the user. Under normal use, please proceed with routine inspection every 3 months to assure all the parts are in good condition, to check all the screws and nuts are tightened (specially the fixing nuts of rear wheels and the brake system). If any loosen situation occurs, please adjust and tightened in time.
2. The wheelchair must be dried after using if it gets wet in rainy days. Under normal use, the wheelchair must be cleaned often with soft cloth and applied the anti-rust wax to maintain the good condition of this product.
3. Maintain the frame clean and dry under dry and ventilated place to avoid any rust on the parts.
4. Check often the agility of rotating parts and add little lubricants regularly.
5. Avoid any oil or acid contacts with the wheels to prevent deterioration and maintain the adequate tire pressure (when using pneumatic tires).
6. The leather used on seat, backrest, shoulder stopper, hip stopper, armrest side boards and headrest can all be removed to cleaning and sterilized purposes.

## 8.0 CERTIFICATION

Certification Aktiv Xseries wheelchair have been rigourously tested for their purpose copies of crash test performance certificates and CE certificates available on request.

**Test Report**

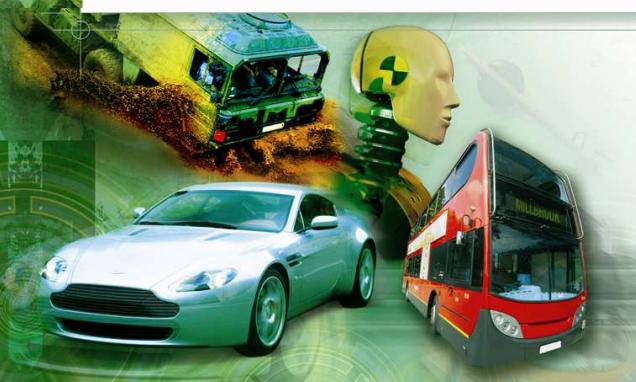
**MILLBROOK**

**CLIENT CONFIDENTIAL**

Client	Murrays Medical Equipment Ltd
Test Item	X7 (37 kg)
Test	ISO 7176/19 Wheelchair
Millbrook Report No.	12/1018
Millbrook Project No.	CR0224-005-01
Millbrook Test No.	S12371
Author:	<u>N. Beal</u>
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# WARRANTY

## Warranty Description

### 5 Years.

The frame of the wheelchair shall be covered by a 5 year conditional warranty against faults or breakages attributable to faulty manufacture. Definition of the Frame: The frame is the main structure of the wheelchair onto which the various components are fitted to complete the chair. This includes the cross brace and seat base, but not those components, such as the seat that are fitted to it. The frame does not include any removable part of the wheelchair, including those components that require tools for removal. This includes, but is not limited to the entire backrest assembly (including upright canes), Footrests, Armrests, Wheels and Castors, Brakes, Brackets, Upholstery and other Optional Accessories.

### 1 Year

The various accessories that are fitted to the frame including, but not limited to the entire Backrest Assembly (including upright canes), Footrests, Armrests, Brackets, Upholstery and other Optional Accessories are covered by a 1 year conditional warranty against faults or breakages attributable to faulty manufacture.

## CONDITIONS

The warranty commences from the date of purchase. A proof of purchase clearly showing the date of purchase and the dealer's name and details must be produced in order to claim for a warranty repair or replacement. Any warranty claims within the warranty period will be assessed and proven to be defective by an authorised Aktiv Wheelchairs technician before any parts are repaired or replaced. Warranty claims will not be accepted without proof of purchase. This warranty does not extend to freight charges incurred to return the wheelchair to the dealer or to Aktiv Wheelchairs for repair or replacement. The above mentioned warranties are for faults or breakages caused during normal domestic use attributable to only faulty manufacture. This excludes defects or injury caused by or resulting from corrosion, misuse, abuse, neglect, accidental damage, improper assembly, improper voltages, vermin infestation, or any alteration that effects the reliability of the product. Items affected by normal wear and tear are not covered by warranty. This includes, but is not limited to wear on tyres, wheels and bearings, seat and backrest upholstery, armrest pads, push handle grips and brake shoes.

Any alteration that is required to the wheelchair to enhance its function as a request by a qualified Medical Practitioner will require a written endorsement from a Aktiv Wheelchairs engineer. Any alteration carried out without written endorsement will void the warranty. The length of the warranty period may be adjusted at the discretion of a Aktiv Wheelchairs engineer depending on the type of alteration carried out. Any alterations or adjustments carried out without the use of genuine Aktiv Wheelchairs parts will void the warranty. Products will only be replaced under warranty if the fault cannot be repaired. Faulty components that cannot be repaired will not warrant the replacement of the entire product, but will be limited to the replacement of the faulty component only. Every replaced or repaired part shall under the same warranty conditions of the wheelchair.

The warranty period of repaired or replaced parts shall not extend beyond the original warranty period of the wheelchair. Any extended warranties offered by dealers are not part of the warranty offered by Aktiv Wheelchairs. Any claims resulting from an extended warranty arrangement will not be accepted by Aktiv Wheelchairs. The specifications in this manual are general, and may differ slightly from your wheelchair. Warranties cannot be claimed on discrepancies of information in this manual to the specifications of your wheelchair, unless it is proven to be genuine manufacturing fault. Any warranty claims must be processed through the dealer from which the wheelchair was purchased. in the event that a dealer does not satisfy their obligation to process a warranty claim, please contact your agent.



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